

10537,204

Docket No.: 067234-0130

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



Applicant : Fan, Jian-Bing  
Appl. No. : 10/537,204  
Filed : June 03, 2005  
Title : MULTIPLEXED METHYLATION  
DETECTION METHODS

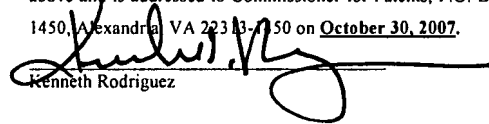
Grp./A.U. : 1634  
Examiner: : LU, Frank Wei Min

Customer No.: 41552  
Confirmation No.: 3434

CERTIFICATE OF MAILING BY EXPRESS MAIL(37  
CFR § 1.10)

"Express Mail" Mailing Label Number EM 047083467 US

I hereby certify that this paper or fee is being deposited with  
the United States Postal Service "Express Mail Post Office to  
Addressee" service under 37 CFR § 1.10 on the date indicated  
above and is addressed to Commissioner for Patents, P.O. Box  
1450, Alexandria, VA 22313-1450 on **October 30, 2007**.

  
Kenneth Rodriguez

**CORRECTION OF FILING RECEIPT**

Sir:

The Filing Receipt issued on August 17, 2007, does not list the correct Domestic Priority data as claimed by applicant. The Domestic Priority data should read as follows:

This application is a 371 of PCT/US2003/038582, 12/03/2003  
which is a CIP of 10/309,803 12/03/2002

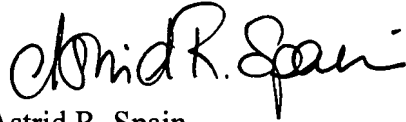
Attached is a copy of the Filing Receipt with the changes noted thereon (Exhibit A). A copy of the PCT Request is attached with the correct priority claim (Exhibit B). Applicants accordingly request that these corrections be made of record and that an amended Filing Receipt be issued.

10537,204

No fee is deemed necessary in connection with the filing of this Communication. However, if any fee is required, authorization is hereby given to charge any fees to Deposit Account No. 502624. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

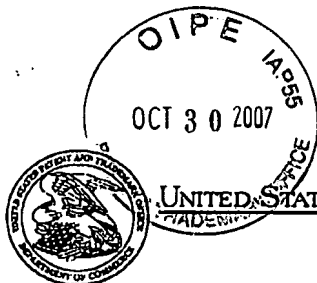
McDERMOTT WILL & EMERY LLP

A handwritten signature in black ink, appearing to read "Astrid R. Spain". The signature is fluid and cursive, with the first name "Astrid" being more prominent.

Astrid R. Spain  
Registration No. 47,956

4370 La Jolla Village Drive, Suite 700  
San Diego, CA 92122  
Phone: 858.535.9001 ARS:cjh  
Facsimile: 858.597.1585  
**Date: October 30, 2007**

**Please recognize our Customer No. 41552  
as our correspondence address.**

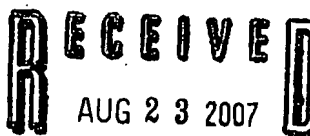


## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

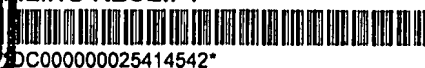
APPL NO.	FILING OR 371(c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLMS	IND CLMS
10/537,204	02/06/2007	3643	1070	067234-0130	29	4

41552  
MCDERMOTT, WILL & EMERY  
4370 LA JOLLA VILLAGE DRIVE, SUITE 700  
SAN DIEGO, CA 92122



CONFIRMATION NO. 3434

FILING RECEIPT



DC000000025414542\*

**MCDERMOTT, WILL & EMERY**

Date Mailed: 08/17/2007

Receipt is acknowledged of this nonprovisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

**Applicant(s)**

Jian-Bing Fan, San Diego, CA;

**Power of Attorney:** The patent practitioners associated with Customer Number 41552.**Domestic Priority data as claimed by applicant**

This application is a 371 of PCT/US03/38582 12/03/2003  
which is a CIP of 10/309,803 12/03/2002  
~~which claims benefit of 60/336,069 12/03/2001~~  
~~and is a CON of PCT/US02/48364 06/07/2002~~  
~~which claims benefit of 60/341,271 08/09/2004~~  
~~and is a CON of 00/045,231 07/24/2001 PAT 6,800,744~~  
~~which claims benefit of 60/207,600 06/14/2004~~  
~~and said 10/909,000 12/09/2002~~  
~~is a CON of 00/770,376 02/07/2004~~  
~~which claims benefit of 00/100,010 02/07/2000~~  
~~and claims benefit of 00/234,143 09/21/2000~~  
~~(\*)Data provided by applicant is not consistent with PTO records.~~

**Foreign Applications****If Required, Foreign Filing License Granted:** 08/16/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/537,204**

**EXHIBIT A**

**Projected Publication Date:** 11/22/2007

**Non-Publication Request:** No

**Early Publication Request:** No

**\*\* SMALL ENTITY \*\***

**Title**

Multiplexed Methylation Detection Methods

**Preliminary Class**

119

## **PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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**LICENSE FOR FOREIGN FILING UNDER**  
**Title 35, United States Code, Section 184**  
**Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

#### **NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

PCT

## REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For receiving Office use only

International Application No.

International Filing Date

Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference  
(if desired) (12 characters maximum) 67234-068

**Box No. I TITLE OF INVENTION**  
MULTIPLEXED METHYLATION DETECTION METHODS

**Box No. II APPLICANT** ☐ This person is also inventor

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

ILLUMINA, INC.  
9885 Towne Centre Drive  
San Diego, California 92121  
UNITED STATES OF AMERICA

Telephone No.

858.202.4500

Facsimile No.

858.202.4545

Teleprinter No.

Applicant's registration No. with the Office

State (that is, country) of nationality:  
US

State (that is, country) of residence:  
US

This person is applicant for the purposes of: ☐ all designated States ☒ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box.

**Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)**

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

FAN, Jian-Bing  
5247 Pearlman Way  
San Diego, California 92130  
UNITED STATES OF AMERICA

This person is:

☐ applicant only☒ applicant and inventor☐ inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:  
CN

State (that is, country) of residence:  
US

This person is applicant for the purposes of: ☐ all designated States ☐ all designated States except the United States of America ☒ the United States of America only ☐ the States indicated in the Supplemental Box

☐ Further applicants and/or (further) inventors are indicated on a continuation sheet.

**Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE**

The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:



agent



common representative

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

SPAIN, Astrid R.  
McDERMOTT, WILL & EMERY  
4370 La Jolla Village Drive  
Suite 700  
San Diego, California 92122  
UNITED STATES OF AMERICA

Telephone No.

858.535.9001

Facsimile No.

858.535.8949

Teleprinter No.

Agent's registration No. with the Office  
47,956

☐ Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

**Box No.V DESIGNATION OF STATES**

Mark the applicable check-boxes below; at least one must be marked.

The following designations are hereby made under Rule 4.9(a):

**Regional Patent**

- ☒ **AP** ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT (if other kind of protection or treatment desired, specify on dotted line) and utility model .....
- ☒ **EA** Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of .....
- ☒ **EP** European Patent: AT Austria, BE Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Czech Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, HU Hungary, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, RO Romania, SE Sweden, SI Slovenia, SK Slovakia, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT .....
- ☒ **OA** OAPI Patent: BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GQ Equatorial Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line) .....

**National Patent (if other kind of protection or treatment desired, specify on dotted line):**

- |  |   |  |
|--|---|--|
| <input checked="" type="checkbox"/> <b>AE</b> United Arab Emirates                   | <input checked="" type="checkbox"/> <b>HR</b> Croatia                                   | <input checked="" type="checkbox"/> <b>OM</b> Oman                             |
| <input checked="" type="checkbox"/> <b>AG</b> Antigua and Barbuda                    | <input checked="" type="checkbox"/> <b>HU</b> Hungary                                   | <input checked="" type="checkbox"/> <b>PG</b> Papua New Guinea                 |
| <input checked="" type="checkbox"/> <b>AL</b> Albania                                | <input checked="" type="checkbox"/> <b>ID</b> Indonesia                                 | <input checked="" type="checkbox"/> <b>PH</b> Philippines                      |
| <input checked="" type="checkbox"/> <b>AM</b> Armenia                                | <input checked="" type="checkbox"/> <b>IL</b> Israel                                    | <input checked="" type="checkbox"/> <b>PL</b> Poland                           |
| <input checked="" type="checkbox"/> <b>AT</b> Austria and utility model              | <input checked="" type="checkbox"/> <b>IN</b> India                                     | <input checked="" type="checkbox"/> <b>PT</b> Portugal                         |
| <input checked="" type="checkbox"/> <b>AU</b> Australia                              | <input checked="" type="checkbox"/> <b>IS</b> Iceland                                   | <input checked="" type="checkbox"/> <b>RO</b> Romania                          |
| <input checked="" type="checkbox"/> <b>AZ</b> Azerbaijan                             | <input checked="" type="checkbox"/> <b>JP</b> Japan                                     | <input checked="" type="checkbox"/> <b>RU</b> Russian Federation               |
| <input checked="" type="checkbox"/> <b>BA</b> Bosnia and Herzegovina                 | <input checked="" type="checkbox"/> <b>KE</b> Kenya                                     | <input checked="" type="checkbox"/> <b>SC</b> Seychelles                       |
| <input checked="" type="checkbox"/> <b>BB</b> Barbados                               | <input checked="" type="checkbox"/> <b>KG</b> Kyrgyzstan                                | <input checked="" type="checkbox"/> <b>SD</b> Sudan                            |
| <input checked="" type="checkbox"/> <b>BG</b> Bulgaria                               | <input checked="" type="checkbox"/> <b>KP</b> Democratic People's Republic of Korea     | <input checked="" type="checkbox"/> <b>SE</b> Sweden                           |
| <input checked="" type="checkbox"/> <b>BR</b> Brazil                                 | <input checked="" type="checkbox"/> <b>KR</b> Republic of Korea                         | <input checked="" type="checkbox"/> <b>SG</b> Singapore                        |
| <input checked="" type="checkbox"/> <b>BY</b> Belarus                                | <input checked="" type="checkbox"/> <b>KZ</b> Kazakhstan                                | <input checked="" type="checkbox"/> <b>SK</b> Slovakia & utility model         |
| <input checked="" type="checkbox"/> <b>BZ</b> Belize                                 | <input checked="" type="checkbox"/> <b>LC</b> Saint Lucia                               | <input checked="" type="checkbox"/> <b>SL</b> Sierra Leone                     |
| <input checked="" type="checkbox"/> <b>CA</b> Canada                                 | <input checked="" type="checkbox"/> <b>LK</b> Sri Lanka                                 | <input checked="" type="checkbox"/> <b>SY</b> Syrian Arab Republic             |
| <input checked="" type="checkbox"/> <b>CH &amp; LI</b> Switzerland and Liechtenstein | <input checked="" type="checkbox"/> <b>LR</b> Liberia                                   | <input checked="" type="checkbox"/> <b>TJ</b> Tajikistan                       |
| <input checked="" type="checkbox"/> <b>CN</b> China                                  | <input checked="" type="checkbox"/> <b>LS</b> Lesotho                                   | <input checked="" type="checkbox"/> <b>TM</b> Turkmenistan                     |
| <input checked="" type="checkbox"/> <b>CO</b> Colombia                               | <input checked="" type="checkbox"/> <b>LT</b> Lithuania                                 | <input checked="" type="checkbox"/> <b>TN</b> Tunisia                          |
| <input checked="" type="checkbox"/> <b>CR</b> Costa Rica                             | <input checked="" type="checkbox"/> <b>LU</b> Luxembourg                                | <input checked="" type="checkbox"/> <b>TR</b> Turkey                           |
| <input checked="" type="checkbox"/> <b>CU</b> Cuba                                   | <input checked="" type="checkbox"/> <b>LV</b> Latvia                                    | <input checked="" type="checkbox"/> <b>TT</b> Trinidad and Tobago              |
| <input checked="" type="checkbox"/> <b>CZ</b> Czech Republic & utility model         | <input checked="" type="checkbox"/> <b>MA</b> Morocco                                   |  |
| <input checked="" type="checkbox"/> <b>DE</b> Germany and utility model              | <input checked="" type="checkbox"/> <b>MD</b> Republic of Moldova                       | <input checked="" type="checkbox"/> <b>TZ</b> United Republic of Tanzania      |
| <input checked="" type="checkbox"/> <b>DK</b> Denmark and utility model              | <input checked="" type="checkbox"/> <b>MG</b> Madagascar                                | <input checked="" type="checkbox"/> <b>UA</b> Ukraine                          |
| <input checked="" type="checkbox"/> <b>DM</b> Dominica                               | <input checked="" type="checkbox"/> <b>MK</b> The former Yugoslav Republic of Macedonia | <input checked="" type="checkbox"/> <b>UG</b> Uganda                           |
| <input checked="" type="checkbox"/> <b>DZ</b> Algeria                                | <input checked="" type="checkbox"/> <b>MN</b> Mongolia                                  | <input checked="" type="checkbox"/> <b>US</b> United States of America         |
| <input checked="" type="checkbox"/> <b>EC</b> Ecuador                                | <input checked="" type="checkbox"/> <b>MW</b> Malawi                                    | <input checked="" type="checkbox"/> <b>UZ</b> Uzbekistan                       |
| <input checked="" type="checkbox"/> <b>EE</b> Estonia & utility model                | <input checked="" type="checkbox"/> <b>MX</b> Mexico                                    | <input checked="" type="checkbox"/> <b>VC</b> Saint Vincent and the Grenadines |
| <input checked="" type="checkbox"/> <b>ES</b> Spain                                  | <input checked="" type="checkbox"/> <b>MZ</b> Mozambique                                | <input checked="" type="checkbox"/> <b>VN</b> Viet Nam                         |
| <input checked="" type="checkbox"/> <b>FI</b> Finland & utility model                | <input checked="" type="checkbox"/> <b>NI</b> Nicaragua                                 | <input checked="" type="checkbox"/> <b>YU</b> Serbia and Montenegro            |
| <input checked="" type="checkbox"/> <b>GB</b> United Kingdom                         | <input checked="" type="checkbox"/> <b>NO</b> Norway                                    | <input checked="" type="checkbox"/> <b>ZA</b> South Africa                     |
| <input checked="" type="checkbox"/> <b>GD</b> Grenada                                | <input checked="" type="checkbox"/> <b>NZ</b> New Zealand                               | <input checked="" type="checkbox"/> <b>ZM</b> Zambia                           |
| <input checked="" type="checkbox"/> <b>GE</b> Georgia                                |   | <input checked="" type="checkbox"/> <b>ZW</b> Zimbabwe                         |
| <input checked="" type="checkbox"/> <b>GH</b> Ghana                                  |   |  |
| <input checked="" type="checkbox"/> <b>GM</b> Gambia                                 |   |  |

Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet:

- ☒ **Egypt** EG ..... ☒ **Botswana** BW ..... ☐ .....

**Precautionary Designation Statement:** In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

**Supplemental Box***If the Supplemental Box is not used, this sheet should not be included in the request.*

1. If, in any of the Boxes, except Boxes Nos VIII(i) to (v) for which a special continuation box is provided, the space is insufficient to furnish all the information: in such case, write "Continuation of Box No. ...." (indicate the number of the Box) and furnish the information in the same manner as required according to the captions of the Box in which the space was insufficient, in particular:

(i) if more than two persons are to be indicated as applicants and/or inventors and no "continuation sheet" is available: in such case, write "Continuation of Box No. III" and indicate for each additional person the same type of information as required in Box No. III. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below;

(ii) if, in Box No. II or in any of the sub-boxes of Box No. III, the indication "the States indicated in the Supplemental Box" is checked: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the applicant(s) involved and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is applicant;

(iii) if, in Box No. II or in any of the sub-boxes of Box No. III, the inventor or the inventor/applicant is not inventor for the purposes of all designated States or for the purposes of the United States of America: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the inventor(s) and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is inventor;

(iv) if, in addition to the agent(s) indicated in Box No. IV, there are further agents: in such case, write "Continuation of Box No. IV" and indicate for each further agent the same type of information as required in Box No. IV;

(v) if, in Box No. V, the name of any State (or OAPI) is accompanied by the indication "patent of addition," or "certificate of addition," or if, in Box No. V, the name of the United States of America is accompanied by an indication "continuation" or "continuation-in-part": in such case, write "Continuation of Box No. V" and the name of each State involved (or OAPI), and after the name of each such State (or OAPI), the number of the parent title or parent application and the date of grant of the parent title or filing of the parent application;

(vi) if, in Box No. VI, there are more than five earlier applications whose priority is claimed: in such case, write "Continuation of Box No. VI" and indicate for each additional earlier application the same type of information as required in Box No. VI.

2. If, with regard to the precautionary designation statement contained in Box No. V, the applicant wishes to exclude any State(s) from the scope of that statement: in such case, write "Designation(s) excluded from precautionary designation statement" and indicate the name or two-letter code of each State so excluded.

**CONTINUATION OF BOX IV:**

CAMPBELL, Cathryn  
 GAY, David A.  
 GASHLER, Andrea L.  
 CADENA, Deborah L.  
 SPAIN, Astrid R.  
 GUY, Pamela M.

The above-named attorneys and patent agents are all members of the firm of McDermott, Will & Emery, and their address is the same as that shown in Box No. IV of this Request.



**Box No. VI PRIORITY CLAIM**

The priority of the following earlier application(s) is hereby claimed:

Filing date of earlier application (day/month/year)	Number of earlier application	Where earlier application is:		
		national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office
item (1) 03 December 2002 (03.12.02)	10/309,803	US		
item (2)				
item (3)				
item (4)				
item (5)				

☐ Further priority claims are indicated in the Supplemental Box.

The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as:

☐ all items   
 ☒ item (1)   
 ☐ item (2)   
 ☐ item (3)   
 ☐ item (4)   
 ☐ item (5)   
 ☐ other, see Supplemental Box

\* Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)): .....

**Box No. VII INTERNATIONAL SEARCHING AUTHORITY**

Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):

ISA/ US .....

Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):

Date (day/month/year)	Number	Country (or regional Office)
03 December 2002	10/309,803	US

**Box No. VIII DECLARATIONS**

The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration):

Number of  
declarations

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Box No. VIII (i)   | Declaration as to the identity of the inventor   | : |
| <input type="checkbox"/> Box No. VIII (ii)  | Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent             | : |
| <input type="checkbox"/> Box No. VIII (iii) | Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application | : |
| <input type="checkbox"/> Box No. VIII (iv)  | Declaration of inventorship (only for the purposes of the designation of the United States of America)                               | : |
| <input type="checkbox"/> Box No. VIII (v)   | Declaration as to non-prejudicial disclosures or exceptions to lack of novelty   | : |

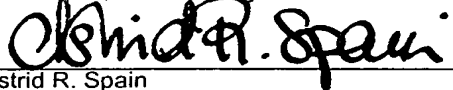
**Box No. IX CHECK LIST; LANGUAGE OF FILING**

This international application contains:	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):	Number of items
(a) in paper form, the following number of sheets:	1. <input checked="" type="checkbox"/> fee calculation sheet	1
request (including declaration sheets) : 5	2. <input type="checkbox"/> original separate power of attorney	
description (excluding sequence listings and/or tables related thereto) : 87	3. <input type="checkbox"/> original general power of attorney	
claims : 4	4. <input type="checkbox"/> copy of general power of attorney; reference number, if any: .....	
abstract : 1	5. <input type="checkbox"/> statement explaining lack of signature	
drawings : 14	6. <input type="checkbox"/> priority document(s) identified in Box No. VI as item(s): .....	
<b>Sub-total number of sheets</b> : 111	7. <input type="checkbox"/> translation of international application into (language): .....	
sequence listings : .....	8. <input type="checkbox"/> separate indications concerning deposited microorganism or other biological material	
tables related thereto : .....	9. <input type="checkbox"/> sequence listings in computer readable form (indicate type and number of carriers)	
(for both, actual number of sheets if filed in paper form, whether or not also filed in computer readable form; see (c) below) : .....	(i) <input type="checkbox"/> copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application)	
<b>Total number of sheets</b> : 111	(ii) <input type="checkbox"/> (only where check-box (b)(i) or (c)(i) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Rule 13ter	
(b) <input type="checkbox"/> only in computer readable form (Section 801(a)(i))	(iii) <input type="checkbox"/> together with relevant statement as to the identity of the copy or copies with the sequence listings mentioned in left column	
(i) <input type="checkbox"/> sequence listings	10. <input type="checkbox"/> tables in computer readable form related to sequence listings (indicate type and number of carriers)	
(ii) <input type="checkbox"/> tables related thereto	(i) <input type="checkbox"/> copy submitted for the purposes of international search under Section 802(b-quater) only (and not as part of the international application)	
(c) <input type="checkbox"/> also in computer readable form (Section 801(a)(ii))	(ii) <input type="checkbox"/> (only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Section 802(b-quater)	
(i) <input type="checkbox"/> sequence listings	(iii) <input type="checkbox"/> together with relevant statement as to the identity of the copy or copies with the tables mentioned in left column	
(ii) <input type="checkbox"/> tables related thereto	postcard; transmittal certificate or express	
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the	11. <input checked="" type="checkbox"/> other (specify): mail	2
<input type="checkbox"/> sequence listings: .....		
<input type="checkbox"/> tables related thereto: .....		
(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)		
Figure of the drawings which should accompany the abstract: 13	Language of filing of the international application: English	

**Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE**

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).

McDermott, Will &amp; Emery



Astrid R. Spain

For receiving Office use only		2. Drawings:  <input type="checkbox"/> received:  <input type="checkbox"/> not received:
1. Date of actual receipt of the purported international application:		
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:		
4. Date of timely receipt of the required corrections under PCT Article 11(2):		
5. International Searching Authority (if two or more are competent): ISA/	6. <input type="checkbox"/> Transmittal of search copy delayed until search fee is paid	

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